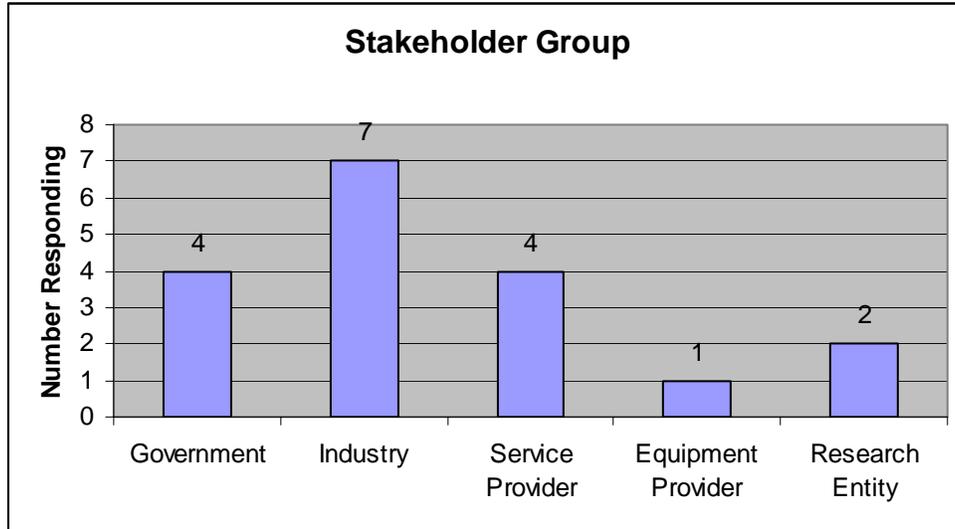


Feedback Report for the December 11-12, 2003 Joint R&D Pipeline Forum

Total Number Responding = 18

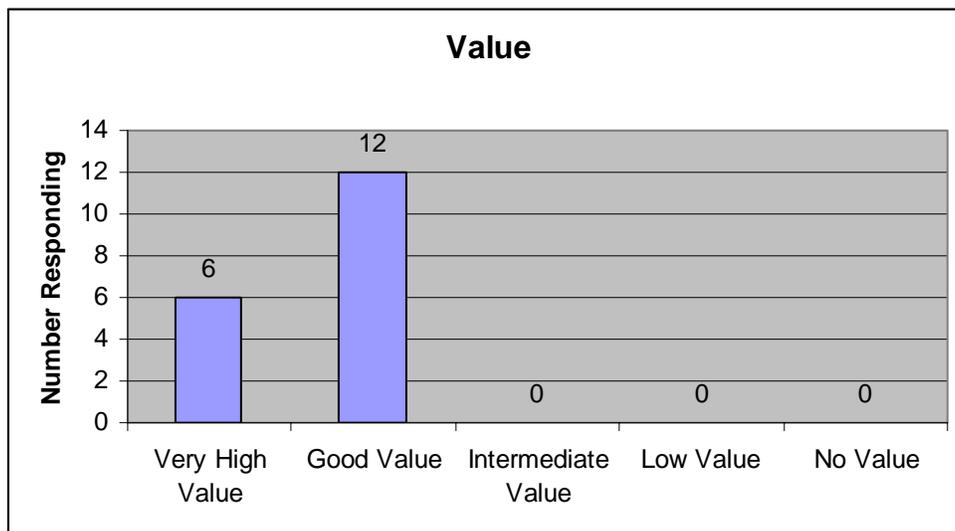
Question 1. What stakeholder group do you represent?

- 1 Government
- 2 Industry: HL, GT, GD, Storage, Trade Association
- 3 Service Provider
- 4 Equipment Supplier
- 5 Research Entity
- 6 Other (specify)



Question 2. Please rate the value you received from the Forum:

- 1 Very High Value
- 2 Good Value
- 3 Indeterminate Value
- 4 Little Value
- 5 No Value



Question 3. Did the Forum meet your expectations?

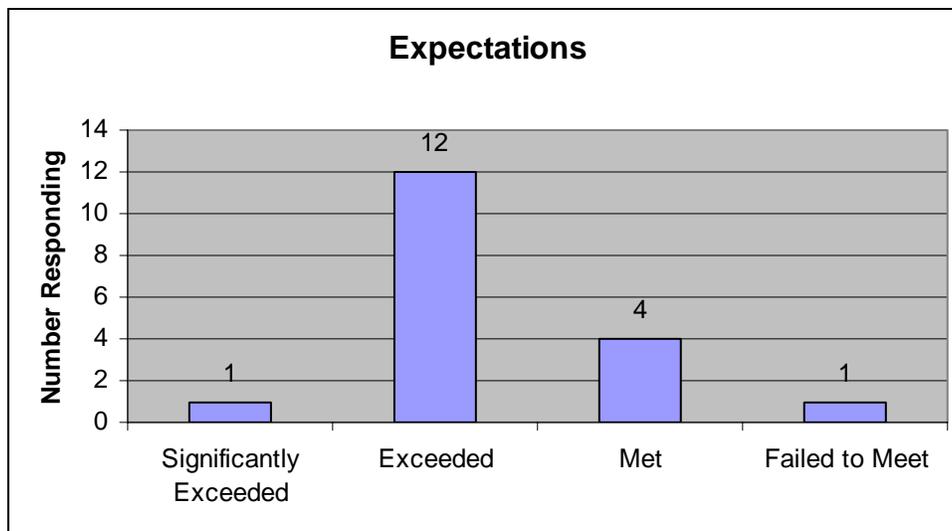
1 Significantly Exceeded

2 Exceeded

3 Met

4 Failed to Meet

5 Waste of My Time



Question 4: What aspects of the Forum were of greatest value to you? Consider for Example:

- **Better understanding of the state of the art in pipeline and vacility R and D**
- **Opportunity to meet and interact with existing or new colleages**
- **Gained perspective on industry challenges**
- **Stimulated my thinking on ways to address existing challenges:**

Heard different perspectives than are in my normal circle of relationships.

Exchange of ideas from different perspectives.

All the above examples

Opportunity to identify and discuss technical issues with the pipeline industry

Better understanding of industry challenges and R&D opportunities

The use of impartial moderators in the breakout sessions was a good idea. quick review of activities by other organizations and industry groups at the beginning session was helpful.

There is not enough liaison among the various research organizations. It is not obvious that NIST (and other national labs) and industry groups know what each other are doing or that assets are being optimized.

Opportunity to meet and interact with new colleagues. Better understanding of present R&D conducted by various organizations.

Being relatively new to the field, the highest value to me from the forum was gaining an understanding of the issues and perspectives from a broad spectrum of organizations and functional entities.

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The opportunity to catch up on the latest developments and to listen to the representatives of the various sectors give their views.

Better understanding of status of research, demand for research, contacts with others.

Clearer understanding of current status of relationship between operators and regulators what can be done what should be done. Much better understanding of R&D initiatives currently underway. Made useful contacts – networking

Stimulated my thinking on ways to address existing challenges:

The greatest value was interaction and discussion with industry stakeholders.

Gained perspective on industry challenges, especially the artic pipeline project under consideration.

Better appreciation of the different stakeholders in the US pipeline industry (I am a UKsian). A chance to meet PRCI committee members, OPS staff and representatives of various pipeline operators. Better understanding of the different regulations between European and US pipeline systems

Interaction with Colleagues. Listen and Express views of the industry and how R&D fits into the industry.

Enhanced alignment across various stakeholders

Opportunity to meet and interact.

Question 5: Do you expect to use results from the Forum?: All responded yes.

Question 6. If you plan to use Forum results, how?

As Vice Chairman of PRCI, the information gathered will help me in program selection decisions.\

In planning R&D projects and search for funding for these projects

To better establish opportunities and resources needed to provide for future priority R&D

R&D Planning

Help to prioritize R&D programs sponsored by PRCI and the company.

Will use results like a quick "gap analysis" and will consider the resulting priorities when developing PRCI research plans

Able to learn about R&D I was not aware of; will follow up.

In planning the new NTSB research program.

To better understand the needs of our Customers.

Contacts with NIST

To better steer our development resources to satisfy the needs of the industry

The research matrix and summary of R&D challenges in the closing plenary shall be used to identify industry needs and challenges and chart a course for strategic R&D direction.

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Will be helpful in preparing future R&D proposals - we may be able to link industry programs with our own internal R&D programs

To return the views and needs back to our R&D Department.

Reinforce with R&D technical groups the priority items

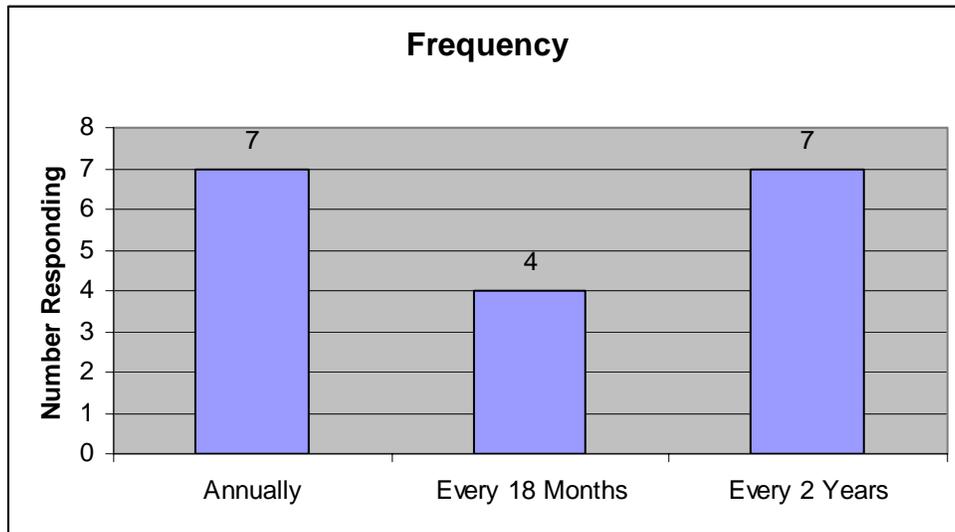
Plan to share the results with my peers.

Question 7: How frequently should such a forum be held?

1 Annually

2 Every eighteen months

3 Every two years



8. How might the forum be improved to address your needs? Consider for example:

- **Breadth of participation - constituencies we might add or delete**
- **Content of formal presentations**
- **Structure or focus of the breakout sessions - too few, too many, wrong focus**
- **Information submitted in advance to participants**
- **Time during the year when the Forum is held**
- **Structure and content of the Forum:**

I'd suggest maintaining a similar format so that we can have some consistency year to year. Reduce number of breakouts, time breakout sessions so that breakouts can be presented than reconvened to get broader participation and input

More advanced notice and not so close to the year end. Also opportunity to submit suggestions for program topics and structure before agenda is finalized.

Increase to 2.5 days and invite Steel Pipe Manufactures for purposes of discussion of high strength steels and pipe production for future projects.

Better defined and more focused breakout sessions. Better organization of information from the breakout sessions before reporting to the main session. Review of alignment of funding (DOT, DOE, etc.) with the challenges and opportunities.

Should be held after January and before late November consider distributing more information before the forum, such as the feedback that participants provided on their registration forms.

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enforce speaker time limits clarify expectations for speakers (focus on quick summary of research in progress and emphasize plans for future work so that gaps are more easily identified) consider addressing what research agency is best suited to address technology gaps (government agencies versus trade organizations versus individual service or equipment providers) instead of spending time addressing why the research is needed Other agencies besides PRCI should provide a written, itemized list of what research they are doing or have recently completed. Need more focus on coordination of research cycle timing; DOT BAA schedules do not match with research cycles of industry groups that sponsor research.

Breakout sessions more nearly focused

While I was in general impressed with the content and level of the work presented, I feel that in several critical areas the community appeared to be unaware of extensive R&D work on very similar issues done by other communities and/or government agencies. With limited budgets, it is imperative to avoid duplication of efforts. I would suggest having experts in various technical areas from outside the pipeline community do technology assessments on critical issues and present them at future forums.

By submitting the information in advance and in a format that can be sorted and searched.

Copies of all presentations to be made available on web site (always a problem when 2 interesting papers on at the same time.

NOT NECESSARY TO IMPROVE FORUM

The opening plenary session was in part informative but it didn't fully meet my expectations as presented in the forum flyer. For example, some presentations focused on the internal organizational structure and activities and did not address the requirements or timeline for strategic R&D initiatives with respect to the PSIA. The closing plenary session did however close most of these gaps and on this basis the forum was useful and informative. Perhaps background material and presentations could be provided in advance of the forum, which may further invigorate discussion. For example, rather than presenting a listing of the projects, which would be detailed in the pre-forum package, the discussion could be focused on R&D results/achievements, present a gap analysis that could also focused sessions on specific identifying future challenges and opportunities. This would be tailored to meet different objectives and audience with respect to the global plenary session and the more focused breakout sessions of each program area (e.g. Prevention of Critical Pipeline Strains)

Project status was the best to see where projects that are ongoing stand relating to proposed finish dates.

The overview sessions were very useful. Breakout sessions seemed to me to be too big, very argumentative and not ideally geared to discussion (e.g. chairs in lecture room format rather than boardroom format).

More people in each of the sessions. Need more pipeline companies involved in every session of the discussions.

Offer it live as web based broadcast. Breakout sessions - need to rotate more people through ALL the sessions.

General Comment:

The Forum was a very useful tool for sharing information with the various constituents and learning what other parties are doing in the R&D front. I would like to have seen some more time in the second day sessions that developed the R&D focus areas. Many of the discussions ended up with recommendations along line of broad goals (which we are more or less aware of) and not more specific ideas on specific areas within those broad goals that R&D work is needed.